

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 Claim 1. (*Currently Amended*) A device for temporary replacement of an auger carrier bearing on
2 an auger conveyor system, the conveyor system having a flanged auger tray defining a trough and an
3 auger having a shaft supported in the trough by a plurality of bearings, the device comprising:
4 a U-bolt having an arch and two threaded legs extending from opposite ends of the arch[[]]
5 ~~the threaded legs being adapted for attachment to a bearing mounting plate extending above the trough;~~
6 a bearing mounting plate adapted for attachment to the auger tray across the trough; the
7 mounting plate having a pair of openings defined therein aligned with the threaded legs of the U-bolt,
8 and being removably disposed on the threaded legs;
9 a substantially planar strap having an upper surface and a lower surface, and having a pair of
10 openings defined therein aligned with the threaded legs of the U-bolt, the strap being removably
11 disposed on the threaded legs substantially parallel to the mounting plate;
12 a lubrication pad attached to the lower surface of the strap; and
13 a lubrication strip attached to the arch of the U-bolt;
14 whereby ~~the U-bolt is attachable to the bearing mounting plate with the auger shaft is supported~~
15 by the U-bolt ~~and~~ with the lubrication strip and the lubrication pad bearing on diametrically opposite
16 sides of the auger shaft in order to support the auger in the trough.

1 Claim 2. (*Original*) The device for temporary repair of auger carrier bearings according to claim 1,
2 further comprising a pair of nuts disposed on the threaded legs below said strap and a pair of nuts
3 disposed on the legs above said strap in order to snugly secure the strap against the shaft of the auger.

1 Claim 3. (*Original*) The device for temporary repair of auger carrier bearings according to claim 1,
2 wherein the arch of the U-bolt has a rectangular cross section.

1 Claim 4. (*Original*) The device for temporary repair of auger carrier bearings according to claim 1,
2 wherein the lubrication pad is made of self-lubricating plastic.

1 Claim 5. (*Original*) The device for temporary repair of auger carrier bearings according to claim 1,
2 wherein the lubrication strip is made of self-lubricating plastic.

1 Claim 6. (*Original*) The device for temporary repair of auger carrier bearings according to claim 1,
2 further comprising a spacer disposed between the lubrication pad and the lower surface of the strap.

Claim 7. (*Canceled*)

1 Claim [[7]] 8. (*Currently Amended*) A method of temporarily replacing an auger carrier bearing
2 comprising the step of placing the device for the temporary replacement of auger carrier bearings
3 according to claim 1 on either side of a failed auger carrier bearing such that the auger shaft is
4 supported by the U-bolt with the lubrication strip and pad bearing on opposite sides of the auger shaft.